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~~05/02~~

OTPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/770,689A

DATE: 01/04/2002
TIME: 14:44:57

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\01042002\I770689A.raw

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4 <110> APPLICANT: YAN, Chunhua et al.
5 <120> TITLE OF INVENTION: ISOLATED HUMAN RAS-LIKE PROTEINS,
6 NUCLEIC ACID MOLECULES ENCODING THESE HUMAN RAS-LIKE
7 PROTEINS, AND USES THEREOF
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13 <141> CURRENT FILING DATE: 2001-01-29
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17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 60 ggacttgagc agccatctca cacccttccc cagactccaa cggcccccag tactccgccc 2160
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90				20				25						30		
91	Glu	Arg	Arg	Leu	Asp	Thr	Val	Arg	Ser	Ile	Cys	His	His	Ser	His	Lys
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93	Arg	Leu	Val	Ala	Cys	Phe	Gln	Gly	Gln	His	Gly	Thr	Asp	Ala	Glu	Arg
94				50			55				60					
95	Arg	His	Lys	Lys	Leu	Pro	Leu	Thr	Ala	Leu	Ala	Gln	Asn	Met	Gln	Glu
96		65			70			75				80				
97	Ala	Ser	Thr	Gln	Leu	Glu	Asp	Ser	Leu	Leu	Gly	Lys	Met	Leu	Glu	Thr
98				85			90				95					
99	Cys	Gly	Asp	Ala	Glu	Asn	Gln	Leu	Ala	Leu	Glu	Leu	Ser	Gln	His	Glu
100				100			105				110					
101	Val	Phe	Val	Glu	Lys	Glu	Ile	Val	Asp	Pro	Leu	Tyr	Gly	Ile	Ala	Glu
102				115				120				125				
103	Val	Glu	Ile	Pro	Asn	Ile	Gln	Lys	Gln	Arg	Lys	Gln	Leu	Ala	Arg	Leu
104				130			135				140					
105	Val	Leu	Asp	Trp	Asp	Ser	Val	Arg	Ala	Arg	Trp	Asn	Gln	Ala	His	Lys
106	145			150				155			155			160		
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 111 Gln Leu Ala Ala Asp Met Tyr Asn Phe Met Ala Lys Glu Gly Glu Tyr
 112 195 200 205
 113 Gly Lys Phe Phe Val Thr Leu Leu Glu Ala Gln Ala Asp Tyr His Arg
 114 210 215 220
 115 Lys Ala Leu Ala Val Leu Glu Lys Thr Leu Pro Glu Met Arg Ala His
 116 225 230 235 240
 117 Gln Asp Lys Trp Ala Glu Lys Pro Ala Phe Gly Thr Pro Leu Ala Glu
 118 245 250 255
 119 His Leu Lys Arg Ser Gly Arg Glu Ile Ala Leu Pro Ile Glu Ala Cys
 120 260 265 270
 121 Val Met Leu Leu Leu Glu Thr Gly Met Lys Glu Glu Gly Leu Phe Arg
 122 275 280 285
 123 Ile Gly Ala Gly Ala Ser Lys Leu Lys Leu Lys Ala Ala Leu Asp
 124 290 295 300
 125 Cys Ser Thr Ser His Leu Asp Glu Phe Tyr Ser Asp Pro His Ala Val
 126 305 310 315 320
 127 Ala Gly Ala Leu Lys Ser Tyr Leu Arg Glu Leu Pro Glu Pro Leu Met
 128 325 330 335
 129 Thr Phe Asn Leu Tyr Glu Glu Trp Thr Gln Val Ala Ser Val Gln Asp
 130 340 345 350
 131 Gln Asp Lys Lys Leu Gln Asp Leu Trp Arg Thr Cys Gln Lys Leu Pro
 132 355 360 365
 133 Pro Gln Asn Phe Val Asn Phe Arg Tyr Leu Ile Lys Phe Leu Ala Lys
 134 370 375 380
 135 Leu Ala Gln Thr Ser Asp Val Asn Lys Met Thr Pro Ser Asn Ile Ala
 136 385 390 395 400
 137 Ile Val Leu Gly Pro Asn Leu Leu Trp Ala Arg Asn Glu Gly Thr Leu
 138 405 410 415
 139 Ala Glu Met Ala Ala Ala Thr Ser Val His Val Val Ala Val Ile Glu
 140 420 425 430
 141 Pro Ile Ile Gln His Ala Asp Trp Phe Phe Pro Glu Glu Val Glu Phe
 142 435 440 445
 143 Asn Val Ser Glu Ala Phe Val Pro Leu Thr Thr Pro Ser Ser Asn His
 144 450 455 460
 145 Ser Phe His Thr Gly Asn Asp Ser Asp Ser Gly Thr Leu Glu Arg Lys
 146 465 470 475 480
 147 Arg Pro Ala Ser Met Ala Val Met Glu Gly Asp Leu Val Lys Lys Glu
 148 485 490 495
 149 Ser Pro Pro Lys Pro Lys Asp Pro Val Ser Ala Ala Val Pro Ala Pro
 150 500 505 510
 151 Gly Arg Asn Asn Ser Gln Ile Ala Ser Gly Gln Asn Gln Pro Gln Ala
 152 515 520 525
 153 Ala Ala Gly Ser His Gln Leu Ser Met Gly Gln Pro His Asn Ala Ala
 154 530 535 540
 155 Gly Pro Ser Pro His Thr Leu Arg Arg Ala Val Lys Lys Pro Ala Pro
 156 545 550 555 560
 157 Ala Pro Pro Lys Pro Gly Asn Pro Pro Gly His Pro Gly Gly Gln

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164	610	615	620
165 Ser Ser Leu Ser Pro Ile Gln Ala Pro Asn His Pro Pro Pro Gln Pro			
166	625	630	635
167 Pro Thr Gln Ala Thr Pro Leu Met His Thr Lys Pro Asn Ser Gln Gly			
168	645	650	655
169 Pro Pro Asn Pro Met Ala Leu Pro Ser Glu His Gly Leu Glu Gln Pro			
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171 Ser His Thr Pro Pro Gln Thr Pro Thr Pro Pro Ser Thr Pro Pro Leu			
172	675	680	685
173 Gly Lys Gln Asn Pro Ser Leu Pro Ala Pro Gln Thr Leu Ala Gly Gly			
174	690	695	700
175 Asn Pro Glu Thr Ala Gln Pro His Ala Gly Thr Leu Pro Arg Pro Arg			
176	705	710	720
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180	740	745	750
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183 Pro His Arg Ser Ile Phe Pro Glu Met His Ser Asp Ser Ala Ser Lys			
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187 THE AIA LED
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192 <211> LENGTH: 38805
193 <212> TYPE: DNA
194 <213> ORGANISM: HUMAN

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VERIFICATION SUMMARY
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